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Sequence Listing was accepted.

See attached Validation Report.

If you need help call the Patent Electronic Business Center at (866)
217-9197 (toll free).

Reviewer: Durreshwar Anjum

Timestamp: [year=2010; month=9; day=22; hr=13; min=17; sec=57; ms=554;]

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Application No: 09910208 Version No: 6.0

Input Set:

Output Set:

Started: 2010-09-14 13:00:40.902
Finished: 2010-09-14 13:00:42.615
Elapsed: 0 hr(s) 0 min(s) 1 sec(s) 713 ms
Total Warnings: 14
Total Errors: 2
No. of SeqIDs Defined: 20
Actual SeqID Count: 20

Error code	Error Description
W 402	Undefined organism found in <213> in SEQ ID (1)
W 213	Artificial or Unknown found in <213> in SEQ ID (8)
W 213	Artificial or Unknown found in <213> in SEQ ID (9)
W 213	Artificial or Unknown found in <213> in SEQ ID (10)
W 213	Artificial or Unknown found in <213> in SEQ ID (11)
W 402	Undefined organism found in <213> in SEQ ID (12)
W 213	Artificial or Unknown found in <213> in SEQ ID (13)
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W 213	Artificial or Unknown found in <213> in SEQ ID (17)
W 213	Artificial or Unknown found in <213> in SEQ ID (18)
W 402	Undefined organism found in <213> in SEQ ID (19)
E 257	Invalid sequence data feature in <221> in SEQ ID (19)
W 402	Undefined organism found in <213> in SEQ ID (20)
E 257	Invalid sequence data feature in <221> in SEQ ID (20)

SEQUENCE LISTING

<110> Hitomi, Ji ro
Yamamura, Tokujiro
Kimura, Tatsuji
Yamaguchi, Ken

<120> Novel calcium-Binding Proteins

<130> MM4454

<140> 09910208

<141> 2001-07-20

<160> 20

<170> PatentIn version 3.5

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<211> 429

<212> DNA

<213> Bovine calcium binding protein

<220>

<221> exon

<222> (48)..(323)

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ctg gaa gat cac ctg gag gga atc atc aac atc ttc cac cag tac tcc	104
Leu Glu Asp His Leu Glu Gly Ile Ile Asn Ile Phe His Gln Tyr Ser	
5 10 15	

gtt cgg gtg ggg cat ttc gac acc ctc aac aag cgt gag ctg aag cag	152
Val Arg Val Gly His Phe Asp Thr Leu Asn Lys Arg Glu Leu Lys Gln	
20 25 30 35	

ctg atc aca aag gaa ctt ccc aaa acc ctc cag aac acc aaa gat caa	200
Leu Ile Thr Lys Glu Leu Pro Lys Thr Leu Gln Asn Thr Lys Asp Gln	
40 45 50	

cct acc att gac aaa ata ttc caa gac ctg gat gcc gat aaa gac gga	248
Pro Thr Ile Asp Lys Ile Phe Gln Asp Leu Asp Ala Asp Lys Asp Gly	
55 60 65	

gcc gtc agc ttt gag gaa ttc gta gtc ctg gtg tcc agg gtg ctg aaa	296
Ala Val Ser Phe Glu Glu Phe Val Val Leu Val Ser Arg Val Leu Lys	
70 75 80	

aca gcc cac ata gat atc cac aaa gag taggaagctc tttccagcaa	343
Thr Ala His Ile Asp Ile His Lys Glu	
85 90	

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attaataaac gtactttggc aaagtt 429

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<213> Bos taurus

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Asp Gln Pro
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<213> Bos taurus

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Ile His Lys Glu
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Ile Val Asn Ile Phe His Gln Tyr Ser Val Arg Lys Gly His Phe Asp				
	15	20	25	
acc ctc tct aag ggt gag ctg aag cag ctg ctt aca aag gag ctt gca				147
Thr Leu Ser Lys Gly Glu Leu Lys Gln Leu Leu Thr Lys Glu Leu Ala				
	30	35	40	
aac acc atc aag aat atc aaa gat aaa gct gtc att gat gaa ata ttc				195
Asn Thr Ile Lys Asn Ile Lys Asp Lys Ala Val Ile Asp Glu Ile Phe				
	45	50	55	
caa ggc ctg gat gct aat caa gat gaa cag gtc gac ttt caa gaa ttc				243
Gln Gly Leu Asp Ala Asn Gln Asp Glu Gln Val Asp Phe Gln Glu Phe				
	60	65	70	
ata tcc ctg gta gcc att gcg ctg aag gct gcc cat tac cac acc cac				291
Ile Ser Leu Val Ala Ile Ala Leu Lys Ala Ala His Tyr His Thr His				
	75	80	85	90
aaa gag taggtagctc tctgaagctt tttaccacgc aatgtcctca atgagggtct				347
Lys Glu				
tttctttccc tcacaaaaac ccagccttgc ccgtggggag taagagttaa taaacacact				407
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 <222> (1)..(92)

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Gln Tyr Ser Val Arg Val Gly His Phe Asp Thr Leu Asn Lys Arg Glu
20 25 30

Leu Lys Gln Leu Ile Thr Lys Glu Leu Pro Lys Thr Leu Gln Asn Thr
35 40 45

Lys Asp Gln Pro Thr Ile Asp Lys Ile Phe Gln Asp Leu Asp Ala Asp
50 55 60

Lys Asp Gly Ala Val Ser Phe Glu Glu Phe Val Val Leu Val Ser Arg
65 70 75 80

Val Leu Lys Thr Ala His Ile Asp Ile His Lys Glu
85 90

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Gln Tyr Ser Val Arg Lys Gly His Phe Asp Thr Leu Ser Lys Gly Glu
20 25 30

Leu Lys Gln Leu Leu Thr Lys Glu Leu Ala Asn Thr Ile Lys Asn Ile
35 40 45

Lys Asp Lys Ala Val Ile Asp Glu Ile Phe Gln Gly Leu Asp Ala Asn
50 55 60

Gln Asp Glu Gln Val Asp Phe Gln Glu Phe Ile Ser Leu Val Ala Ile
65 70 75 80

Ala Leu Lys Ala Ala His Tyr His Thr His Lys Glu

85

90